

- Q.4 Differentiate between latches and door handles in detail with sketches.
- Q.5 Explain the uses of glass in buildings. Also suggest the types of glass to be used for partition wall in a jewellery showroom and Why?
- Q.6 a) Explain the process of compaction and consolidation of concrete.
- b) Explain in detail about asbestos sheets and C.I sheets.
- Q.7 What are various air-entraining agents. Explain in detail?

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**3rd Sem. / Arch. Asstt.**

**Subject : Fundamentals Of Building Material.**

Time : 3 Hrs.

M.M. : 100

**SECTION-A**

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Define crushing strength.
- b) Write use of lime.
- c) Define wax polish.
- d) Write trade name of synthetic resin.
- e) Write any two adhesives.
- f) Define latches.
- g) Write the size of Indian W.C.
- h) What do you mean by "Corrugated"
- i) What is M.D.F.?
- j) Write any two uses of glass bricks.

(40)

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- k) Write four characteristics of good timber.
- l) Explain the uses of burnt brick.
- m) Define "knots".
- n) Define Igneous rocks
- o) Write the use of sprit polish.
- p) Write standard size of sink.
- q) Write thickness of P.V.C. sheet.
- r) Define Brick Earth.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Differentiate between mild steel and for steel.
  - ii) Give the uses of insulated glass and glass blocks.
  - iii) Enlist any five wall finishes and describe any two in details.
  - iv) What are various uses of marble stone?

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- v) What are the uses of plastic wall tiles?
- vi) Describe the uses of thermocols
- vii) Explain the application of fibre boards.
- viii) Name any three topic fixtures with sizes
- ix) What is water cement ratio?
- x) Name any four ceiling materials.
- xi) Give the composition of brick earth.
- xii) Explain the function of mortar
- xiii) Explain the role of accelerators.
- xiv) Sketch out the different types of door-handles.
- xv) Write the characteristics of common. Indian timber.

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

- Q.3
- a) What is R.C.C? What is the purpose of providing steel in concrete?
  - b) What is cement mortar & what is its uses?

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